



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB6872879-3
Job Sheet 192560



Part No: RB6872879-3

Job Qty: 2 pcs

Part Name: Counterbore Cutter



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/27/19

Job Tracking No:

Due Date: 3/29/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RB6872879 Rev 4. IPP Rev. A 18.11.13 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier			
100	Conventional Lathe - 1	2		3/29/19	0.00	0.50	Conventional Lathe - 1			19-4-1
		pcs					Conventional Lathe - 2			
110	QC 2	2		3/29/19	0.00	0.00	QC 2 - 1			19/4/1
		pcs					QC 2 - 12			
							QC 2 - 14			
							QC 2 - 17			
							QC 2 - 19			
							QC 2 - 2			
							QC 2 - 20			
							QC 2 - 22			
							QC 2 - 23			
							QC 2 - 25			
							QC 2 - 32			
							QC 2 - 33			
							QC 2 - 35			
							QC 2 - 39			
							QC 2 - 4			
							QC 2 - 40			
							QC 2 - 44			
							QC 2 - 45			
							QC 2 - 48			
							QC 2 - 49			
							QC 2 - 50			
							QC 2 - 51			
							QC 2 - 52			
							QC 2 - 56			
							QC 2 - 57			
							QC 2 - 62			
							QC 2 - 63			
							QC 2 - 8			
							QC 2 - 66			

ART

ROSPACE

Order No: S168159



6872879-3

192560

/Batch: S168159

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7

CANADA

TEL: 1 613 632-5200

Email: sales@dartaero.com

www.dartaerospace.com

Date: 04/01/19



Container No: S168159



Part: RB6872879-3

Job No: 192560

Serial No/Batch: S168159

Revision: 4

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 04/01/19

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					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
120	Conventional Mill - 1 - B4B	2 pcs	3/29/19	0.00 0.33	Conventional Mill - 1 - B4B	FEB 19-41
					Conventional Mill - 2 - B4B	
130	QC 2	2 pcs	3/29/19	0.00 0.00	QC 2 - 1	
					QC 2 - 12	
					QC 2 - 14	
					QC 2 - 17	
					QC 2 - 19	
					QC 2 - 2	
					QC 2 - 20	
					QC 2 - 22	
					QC 2 - 23	
					QC 2 - 25	
					QC 2 - 32	
					QC 2 - 33	
					QC 2 - 35	
					QC 2 - 39	
					QC 2 - 4	
					QC 2 - 40	
					QC 2 - 44	
					QC 2 - 45	
					QC 2 - 48	
					QC 2 - 49	
					QC 2 - 50	
					QC 2 - 51	
					QC 2 - 52	
					QC 2 - 56	
					QC 2 - 57	
					QC 2 - 62	
					QC 2 - 63	19/4/1
					QC 2 - 8	
					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
140	QC 8	2 pcs	3/29/19	0.00 0.00	QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	19-04-02
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	

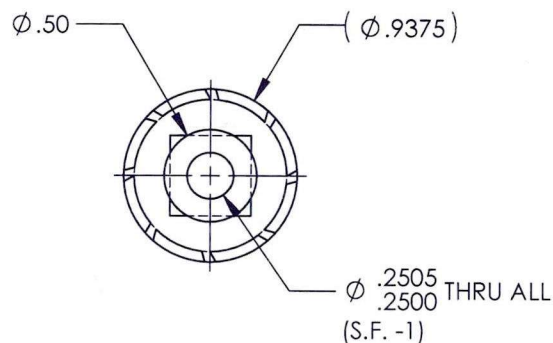
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
150	Outsource - 12 - Black Oxide	2 pcs	3/29/19	GRO002-VC	04/03/2019 PL
160	Packaging 2-1 - Receive - B4B	2 pcs	3/29/19	0.00 0.00	
				Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP APR 10 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
170	QC 6	2 pcs	3/29/19	0.00 0.00	
				QC 6 - 9	DAS APR 10 2019 40 9-89
				QC 6 - 68	
				QC 6 - 61	
180	Packaging 3-1 - Stock - B4B	2 pcs	3/29/19	0.00 0.00	
				Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	DAS 28 9-89
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	

				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
190	QC 21 - SA	2	3/29/19	0.00 0.00	QC 21 - SA - 21
		pcs			QC 21 - SA - 70
					QC 21 - SA - 53
Part Op 100 - 1-Machine as per DWG. 2-Deburr Descriptions: 120 - 1-Machine as per DWG. 2-Deburr 140 - Engrave T/N and/or P/N number using MARKTRONIC engraver as per DWG. 150 - -Issue P/O; _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; -Certificate of Conformity is required 160 - C of C required.					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
PTS1 DE60060	PTS DE60060 15/16X3/4 CT SS COUNTERBORE	2 Ea (1 ea)	100-Conventional Lathe - 1	S134579	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Conventional Lathe - 1	PTS1 DE60060	2	1	0	
Part Specifications					
Specifications could not be found.					

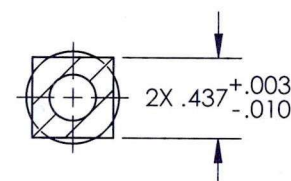
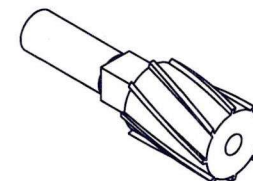
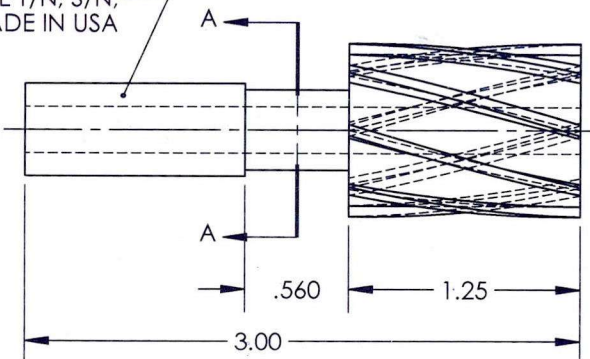
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0030	-3 ADDED SECTION VIEW A-A, ADDED DIM'S 1.19, Ø.2505 -.2500 S.F. -1.	2/11/2016	RJC	JAG
4	16-0187	-3 ADDED FINISH SPEC QMSI-6.2.2, B.O. REV D.	10/21/2016	DPD	JAG



ENGRAVE T/N, S/N,
MADE IN USA



SECTION A-A

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 192560 u w
6-03-29

(-3)

COUNTERBORE CUTTER

DART AEROSPACE	
TITLE SPOTFACING FIXTURE	
DWG NO. RB6872879-3	REV 4
MAT'L STEEL HEAT TREAT FINISH BLACK OXIDE SPEC QMSI-6.2.2, B.O. REV D	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH CHECKED: DUERFELDT OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL ENGINE MODEL 250 SERIES	
SCALE 1:1	DATE 5/13/2009
SHEET 3 OF 3	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO043066



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043066

PO Date: 4/3/19

Due Date: 4/5/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	192560	RB6872879-3	Counterbore Cutter -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL- PRF-16173 Grade 3 Class 1 or MIL-c- 81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; -Certificate of Conformity is required	Firmed	-	4/5/19	1 pcs	0 pcs	1 pcs	\$3.243/pcs	\$3.24
Line Item Note *** BIG RUSH , PLEASE NEED BACK FOR APRIL 05,2019 IF POSSIBLE ... THANKS ***											
2	192836	RBE350A93-3307-00-05	Hex Head Cap Screw -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C- 16173 GRADE 4 -Certificate of Conformity is required	Firmed	-	4/5/19	16 pcs	0 pcs	16 pcs	\$3.243/pcs	\$51.89
Line Item Note *** BIG RUSH , PLEASE NEED BACK FOR APRIL 05,2019 IF POSSIBLE ... THANKS ***											

DAS
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Tel (613) 632-5200

PURCHASE ORDER

PO043066



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	189253	RBE350A93-3400-00-1	Guide -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed X10	-	4/5/19 APR 10 2019	10 pcs	0 pcs DP	10 pcs	\$3.243/pcs	\$32.43
Line Item Note ** NEED BACK APRIL 10,2019 ***											
4	188437	RBE350A93-3303-02-7	Stud Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed X10	-	4/5/19 APR 10 2019	10 pcs	0 pcs DP	10 pcs	\$3.243/pcs	\$32.43
Line Item Note ** NEED BACK APRIL 10,2019 ***											
Grand Total:										\$119.99	

Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 4/3/19 3:24 PM dart.Lussier.Patrick



Certificat de Conformité / Certificate of Compliance

(018201-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

018201 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
09-Apr-2019		SPARTAKOS BOUNTOURIS		PO043066				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RB6872879-3 Rev.	RB6872879-3 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL MIL-PRF-16173 GRADE 3 CLASS 1 WIPE OFF EXCESS	BLACK-OXIDE CH	1	1	0	0	0
2	RBE350A93-3307-00-05 Rev.	RBE350A93-3307-00-05 BLACK OXIDE FINISH MIL-C-13964 CLASS 1 MIL-C-16173 GRADE 4	OXIDE-BLACK CH	16	16	0	0	0
3	RBE350A93-3400-00-1 Rev.	RBE350A93-3400-00-1 01 -OXIDE BLACK [OXIDE BLACK] CLASS1 MIL-C-13924C	OXIDE-BLACK CH	10	10	0	0	0
4	RBE350A93-3303-02-7 Rev.	RBE350A93-3303-02-7 BLACK OXIDE FINISH, MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	10	10	0	0	0

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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

Guil Patrick